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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/896,701	06/29/2001	Brenda Posey Watlington	10015140-1	9066

7590 11/17/2003

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, CO 80527-2400

EXAMINER

ELISCA, PIERRE E

ART UNIT PAPER NUMBER

3621

DATE MAILED: 11/17/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/896,701

Applicant(s)

Brenda Posey

Examiner

Pierre E. Elisca

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE THREE MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06/29/2001.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above, claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

*See the attached detailed Office action for a list of the certified copies not received.

- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s). 4 6) ☐ Other:

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Examiner Pierre Eddy Elisca
United States Department of Commerce
Patent and Trademark Office
Washington, D.C. 20231

DETAILED ACTION

1. This Office action is in response to Application No. 09/896,701, filed on 06/29/2001.
2. Claims 1-12 are pending.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-12 are rejected under 35 U.S.C. 103 (a) as being unpatentable over Applicant's admitted prior art (AAPA) in view of Caputo et al. (U.S. Pat. No. 5,778,071).

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As per claims 1-10, and 12 AAPA substantially discloses a transaction terminals that are utilized in a variety of environments, such as retail establishments, automatic teller machines, gas pump payment terminals, and the like, comprising:

comparing a data entry prompt for entry of data into the transaction terminal to prompts in a secure prompt table (see., fig 1, pages 2-4);

determining that the data entry prompt is a secure prompt upon the occurrence of any of the conditions of: the data entry prompt matching at least one the prompts in the secure prompt table (see., fig 1, pages 2-4, secure prompt or PIN);

transmitting the data entered into the transaction terminal in response to the data entry prompt (see., fig 1, pages 2-4);

the data entry prompt matching at least one of the prompts in the secure prompt table (see., fig 1, pages 2-4, PIN)

It is to be noted that AAPA fails to explicitly disclose that the data entry prompt matching only a portion of any of the secure prompts (portion of any of secure prompts or private/public keys), and a clear text data (text data or encryption). However, Caputo discloses a digital algorithm (algorithm or plain text data) that includes a private/public keys or portion of the secure prompts see., figs 5b, and 6, col 10, lines 51-67, col 12, lines 58-67, col 14, lines 23-51.

Accordingly, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify the teaching of AAPA by including the limitations detailed above as

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taught by Caputo because this would prevent unauthorized access to the system using encryption algorithm.

As per claim 11, AAPA discloses the claimed method wherein the data entry device comprises a personal identification number entry device (see., fig 1, pages 2-4).

Conclusion

5. Any inquiry concerning this communication from the examiner should be directed to Pierre Eddy Elisca at (703) 305-3987. The examiner can normally be reached on Tuesday to Friday from 6:30AM. to 5:00PM.

If any attempt to reach the examiner by telephone is unsuccessful, the examiner's supervisor, James Trammell can be reached on (703) 305-9768.

Any response to this action should be mailed to:

Commissioner of patents and Trademarks

Washington, D.C. 20231

The Official Fax Number For TC-3600 is:

(703) 305-7687

Serial Number: 09/896,701

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Pierre Eddy Elisca

Patent Examiner

November 13, 2003